This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1.   (Currently Amended) A method for browsing a data communications network, the method comprising:

requesting user data from a user-controlled secure storage device if a network site that requires said user data is accessed, said requesting occurring prior to requesting said user data from another device; and

sending said user data to a network server associated with said network site if said user data is received from said user-controlled secure storage device.

2.   (Currently Amended) A method for browsing a data communications network, the method comprising:

receiving, by a user-controlled secure device, a request for user data;

returning said user data by said user-controlled secure device if said user data is found stored on said user-controlled secure device and if said returning user data for said request is enabled and if said user data comprises static user data;

reconfiguring said user data by said user-controlled secure device if said user data is found stored on said user-controlled secure device and if said returning user data for said request is enabled and if said user data comprises dynamic user data; and

returning said reconfigured user data by said user-controlled secure device.

3. (Currently Amended)   A method for servicing data communications network information units, the method comprising:

receiving user data associated with a network site <u>by a server</u>;

<u>determining, by said server, whether said user data comprises static user data or said user data comprises dynamic user data;</u>

using<u>, by said server,</u> said user data if <u>said determining finds</u> said user data comprises <u>said</u> static user data; and

reconstructing<u>, by said server,</u> said user data before using said user data if <u>said determining fins</u> said user data comprises <u>said</u> dynamic user data~~,~~<u>.</u>

4. (Currently Amended)   A method for browsing a data communications network, the method comprising:

requesting a cookie from a user-controlled secure <u>storage</u> device if a network site that requires said cookie is accessed, said requesting occurring prior to requesting said cookie from another device; and

sending said cookie to a network server associated with said network site if said cookie is received from said user-controlled secure <u>storage</u> device.

5. (Currently Amended)   A method for browsing a data communications network, the method comprising:

receiving<u>, by a user-controlled secure device,</u> a request for a cookie;

returning said cookie <u>by said user-controlled secure device</u> if said cookie is found <u>stored on said user-controlled secure device</u> and if <u>said</u> returning ~~cookies~~<u>said cookie</u> for said request is enabled and if said cookie comprises a static cookie;

reconfiguring said cookie by said user-controlled secure device if said cookie is found stored on said user-controlled secure device and if said returning ~~cookies~~said cookie for said request is enabled and if said cookie comprises a dynamic cookie; and

returning said reconfigured cookie by said user-controlled secure device.

6. (Currently Amended) A method for servicing data communications network information units, the method comprising:

receiving a cookie associated with a network site by a server;

determining, by said server, whether said cookie comprises a static cookie or said cookie comprises a dynamic cookie;

using, by said server, said cookie if said determining finds said cookie is ~~a~~said static cookie; and

reconstructing, by said server, said cookie before using said cookie if said determining finds said cookie is ~~a~~said dynamic cookie.

7. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for browsing a data communications network, the method comprising:

requesting user data from a user-controlled secure storage device if a network site that requires said user data is accessed, said requesting occurring prior to requesting said user data from another device; and

sending said user data to a network server associated with said network site if said user data is received from said user-controlled secure storage device.

8.   (Currently Amended)   A program storage device readable
by a machine, embodying a program of instructions executable by
the machine to perform a method for browsing a data
communications network, the method comprising:

        receiving, by a user-controlled secure device, a
request for user data;

        returning said user data by said user-controlled
secure device if said user data is found stored on said
user-controlled secure device and if said returning user
data for said request is enabled and if said user data
comprises static user data;

        reconfiguring said user data by said user-controlled
secure device if said user data is found stored on said
user-controlled secure device and if said returning user
data for said request is enabled and if said user data
comprises dynamic user data; and

        returning said reconfigured user data by said user-
controlled secure device.

9.   (Currently Amended)   A program storage device readable
by a machine, embodying a program of instructions executable by
the machine to perform a method for servicing data
communications network information units, the method
comprising:

        receiving user data associated with a network site by
a server;

        determining, by said server, whether said user data
comprises static user data or said user data comprises
dynamic user data;

        using, by said server, said user data if said
determining finds said user data comprises said static
user data; and

reconstructing, by said server, said user data before using said user data if said determining fins said user data comprises said dynamic user data+.

10. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for browsing a data communications network, the method comprising:

requesting a cookie from a user-controlled secure storage device if a network site that requires said cookie is accessed, said requesting occurring prior to requesting said cookie from another device; and

sending said cookie to a network server associated with said network site if said cookie is received from said user-controlled secure storage device.

11. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for browsing a data communications network, the method comprising:

receiving, by a user-controlled secure device, a request for a cookie;

returning said cookie by said user-controlled secure device if said cookie is found stored on said user-controlled secure device and if said returning cookiessaid cookie for said request is enabled and if said cookie comprises a static cookie;

reconfiguring said cookie by said user-controlled secure device if said cookie is found stored on said user-controlled secure device and if said returning cookiessaid cookie for said request is enabled and if said cookie comprises a dynamic cookie; and

returning said reconfigured cookie by said user-controlled secure device.

12.   (Currently Amended)   A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for servicing data communications network information units, the method comprising:

    receiving a cookie associated with a network site <u>by a server</u>;

    <u>determining, by said server, whether said cookie comprises a static cookie or said cookie comprises a dynamic cookie</u>;

    using<u>, by said server,</u> said cookie if <u>said determining finds</u> said cookie is ~~a~~<u>said</u> static cookie; and

    reconstructing<u>, by said server,</u> said cookie before using said cookie if <u>said determining finds</u> said cookie is ~~a~~<u>said</u> dynamic cookie.

13.   (Currently Amended)   An apparatus for browsing a data communications network, the apparatus comprising:

    means for requesting user data from a user-controlled secure <u>storage</u> device if a network site that requires said user data is accessed, said requesting occurring prior to requesting said user data from another device; and

    means for sending said user data to a network server associated with said network site if said user data is received from said user-controlled secure <u>storage</u> device..

14.   (Currently Amended)   An apparatus for browsing a data communications network, the apparatus comprising:

    means for receiving<u>, by a user-controlled secure device,</u> a request for user data;

    means for returning said user data <u>by said user-controlled secure device</u> if said user data is found <u>stored on said user-controlled secure device</u> and if <u>said</u>

returning user data for said request is enabled and if said user data comprises static user data;

means for reconfiguring said user data by said user-controlled secure device if said user data is found stored on said user-controlled secure device and if said returning user data for said request is enabled and if said user data comprises dynamic user data; and

means for returning said reconfigured user data by said user-controlled secure device.

15.   (Currently Amended) An apparatus for servicing data communications network information units, the apparatus comprising:

means for receiving user data associated with a network site by a server;

means for determining, by said server, whether said user data comprises static user data or said user data comprises dynamic user data;

means for using, by said server, said user data if said determining finds said user data comprises said static user data; and

means for reconstructing, by said server, said user data before using said user data if said determining fins said user data comprises said dynamic user data÷.

16.   (Currently Amended) An apparatus for browsing a data communications network, the apparatus comprising:

means for requesting a cookie from a user-controlled secure storage device if a network site that requires said cookie is accessed, said requesting occurring prior to requesting said cookie from another device; and

means for sending said cookie to a network server
associated with said network site if said cookie is
received from said user-controlled secure storage device.

17. (Currently Amended) An apparatus for browsing a data
communications network, the apparatus comprising:

means for receiving, by a user-controlled secure
device, a request for a cookie;

means for returning said cookie by said user-
controlled secure device if said cookie is found stored on
said user-controlled secure device and if said returning
~~cookies~~said cookie for said request is enabled and if said
cookie comprises a static cookie;

means for reconfiguring said cookie by said user-
controlled secure device if said cookie is found stored on
said user-controlled secure device and if said returning
~~cookies~~said cookie for said request is enabled and if said
cookie comprises a dynamic cookie; and

means for returning said reconfigured cookie by said
user-controlled secure device.

18. (Currently Amended) An apparatus for servicing data
communications network information units, the apparatus
comprising:

means for receiving a cookie associated with a
network site by a server;

means for determining, by said server, whether said
cookie comprises a static cookie or said cookie comprises
a dynamic cookie;

means for using, by said server, said cookie if said
determining finds said cookie is ~~a~~said static cookie; and

means for reconstructing, by said server, said cookie
before using said cookie if said determining finds said
cookie is ~~a~~said dynamic cookie.

19. (Currently Amended) An apparatus for browsing a data communications network, the apparatus comprising:

a network browser configured to request user data from a user-controlled secure storage device if a network site that requires said user data is accessed, said request occurring prior to requesting said user data from another device, said network browser further configured to send said user data to a network server associated with said network site if said user data is received from said user-controlled secure storage device.

20. (Currently Amended) An apparatus for browsing a data communications network, the apparatus comprising:

a smart card configured to receive a request for user data, said smart card further configured to return said user data stored on said smart card if said user data is found and if said returning user data for said request is enabled and if said user data comprises static user data, said smart card further configured to reconfigure said user data if said user data is found stored on said smart card and if said returning user data for said request is enabled and if said user data comprises dynamic user data, said smart card further configured to return said reconfigured user data.

21. (Currently Amended) An apparatus for servicing data communications network information units, the apparatus comprising:

a network server configured to receive user data associated with a network site, said network server further configured to determine whether said user data comprises static user data or said user data comprises dynamic user data, to use said user data if said

determining finds said user data comprises static user data, said network server further configured to reconstruct said user data before using said user data if said determining finds said user data comprises dynamic user data;

22.   (Currently Amended)   An apparatus for browsing a data communications network, the apparatus comprising:
        a network browser configured to request a cookie from a user-controlled secure storage device if a network site that requires said cookie is accessed, said requesting occurring prior to requesting said cookie from another device, said network browser further configured to send said cookie to a network server associated with said network site if said cookie is received from said user-controlled secure storage device.

23.   (Currently Amended)   An apparatus for browsing a data communications network, the apparatus comprising:
        a smart card configured to receive a request for a cookie, said smart card further configured to return said cookie if said cookie is found on said smart card and if said returning cookiessaid cookie for said request is enabled and if said cookie comprises a static cookie, said smart card further configured to reconfigure said cookie if said cookie is found on said smart card and if said returning cookiessaid cookie for said request is enabled and if said cookie comprises a dynamic cookie, said smart card further configured to return said reconfigured cookie.

24.   (Currently Amended)   An apparatus for servicing data communications network information units, the apparatus comprising:

a network server configured to receive a cookie associated with a network site; and to determine whether said cookie comprises a static cookie or said cookie comprises a dynamic cookie said network server further configured to use said cookie if said determination finds said cookie is ~~a~~said static cookie, said network server further configured to reconstruct said cookie before using said cookie if said determination finds said cookie is ~~a~~said dynamic cookie.

25. (Original) An apparatus for enhanced privacy protection in identification in a data communications network, the apparatus comprising:

a smart card configured to store a randomized ID obtained in response to enrolling for a service on said data communications network, said smart card further configured to release said randomized ID to obtain services on said data communications network.